

U.S. PTO Customer No. 25280

Case #5719

REMARKS35 USC §103 (a) Rejections:

2. Claims 1-11, 13-16, 21-25 and 27-39 were rejected under 35 USC §103 (a) as being unpatentable over Trinh et al. (US Patent No. 4,481,126).

Examiner's Arguments

The Examiner submits that Trinh discloses (a) a substantially nonabrasive, liquid car cleaner composition which cleans car surfaces without an external source of water to wash or rinse (Abstract); (b) that the product is a composition of up to 30% polymeric solids, up to 95% liquid carrier and a suspension aid (Abstract); (c) that other optional ingredients such as waxes, fluorosurfactants, anticorrosion agents, antistatic agents, sunscreens agents, inorganic mild abrasives, pigments, perfumes, and preservatives can also be used for added benefit (col. 2, lines 64-68); (d) that the composition comprises organic polymeric solids selected from the group consisting of porous and/or nonporous powdered particles in the particle size range of from 1 micron to about 250 microns (col. 2, lines 37 – 42); (e) that mixtures of water and aliphatic hydrocarbon solvents are used as the liquid carrier; and (f) that both surfactants and thickeners are used as the suspending agent.

The Examiner notes that the reference fails to teach the particle size of calcium carbonate used. However, the Examiner submits that the reference teaches mild inorganic abrasives such as calcium carbonate powder (col. 6, lines 28 – 31) and further teaches the particle sizes of other solids that are present. Thus, the Examiner believes there would be a reasonable expectation of success to modify the prior art to arrive at the instantly claimed invention because the prior art suggest a particle size of other solids to be suspended.

The Examiner also notes that the reference fails to teach the specific surfactant of claim 11. However, the Examiner submits that there would be a reasonable expectation of success to modify the prior art to arrive at the instantly claimed invention because the prior art does suggest that any surfactant that is compatible with the system may be used.

U.S. PTO Customer No. 25280

Case #5719

The Examiner also notes that the reference fails to teach that the acrylic component disclosed is an acrylic stain resistant agent. However, the Examiner believes that since the reference teaches that acrylic additives may be used, there would be a reasonable expectation of success that material of the same structure will have similar properties.

The Examiner previously asserted that while Applicants argue there is no motivation to remove the silicone component from Trinh's cleaning composition, there is no need to omit silicone for the claims to read on the Trinh reference. Both the claims and the reference are drawn to cleaning compositions, and silicone "does not affect cleaning in any deleterious fashion." Thus, the Examiner contends that the recitation of "consisting essentially of" in claim 1 does not amend around compositions containing silicone.

However, with regard to silicone and in response to Applicants' 1.132 Declaration (submitted October 12, 2006), the Examiner argues that "whether or not the silicone of Trinh compositions affects is deleterious, the criterion is whether or not it would be deleterious for the cleaning of automobiles" (Final Office Action dated June 21, 2007 – page 3).

#### Applicants' Arguments

Applicants have amended independent claims 1, 31, 34 and 37 to eliminate the possible inclusion of silicone compounds which are taught by Trinh et al.

Trinh teaches the use of silicone materials in their cleaning composition to enhance the appearance of car surfaces, improve the ease of application and removal of the cleaner and to make the car surfaces water repellent for added protection (col. 5, line 68 to col. 6, line 4). Trinh specifically exemplifies the use of 4% by weight of silicone in each of Examples I through XVI. Trinh also claims the use of silicone in claims 1 and in claims 31-33. These properties, such as improving ease of application and removal of the cleaner and making the surface water repellent, would similarly be ideal for Applicants' cleaning composition on a textile article.

U.S. PTO Customer No. 25280

Case #5719

However, Applicants have provided evidence in the 1.132 Declaration (submitted October 12, 2006) that the use of silicone materials, as taught by Trinh, is actually detrimental to the cleaning of textile articles. As such, Applicants note that MPEP 2144.04 states that the elimination of an element while retaining its function is an indicia of non-obviousness. Applicants respectfully submit that elimination of silicone from the composition of Trinh, while maintaining its function (i.e. the composition is still easy to apply and remove from the treated surface, etc.) has been achieved by Applicants claimed composition. Accordingly, Applicants respectfully submit that the presently claimed invention is not obvious over the teachings of Trinh. Thus, Applicants respectfully request reconsideration and withdrawal of this rejection.

In addition, Applicant respectfully submits that the rejection fails to establish a *prima facie* showing of obviousness, since the reference teaches away from Applicant's claimed invention. Case law states that "[A] prior art reference may be considered to teach away when 'a person of ordinary skill, upon reading the reference, would be discouraged from following the path set out in the reference, or would be led in a direction divergent from the path that was taken by the applicant.'" Monarch Knitting Machinery Corp. v. Sulzer Morat GmbH, 1998 WL 117765 at \*8 (Fed. Cir. 1998); In re Gurley, 31 USPQ2d 1130, 1131 (Fed. Cir. 1994).

Applicants respectfully assert that the teaching by Trinh of silicone-containing compositions and the test results provided by Applicants in the Declaration provide evidence that the Trinh reference actually teaches away from Applicants' claimed invention, since Trinh teaches the use of compounds which deleteriously affect the cleaning ability of Applicants' composition. Thus, Applicants assert that one of ordinary skill in the art would not look to a composition that contains silicone compounds to create a composition ideally suited to clean textile substrates. It simply would not be an obvious choice. As such, in light of the Declaration contents and the claim amendments contained herein, Applicants respectfully submit that this rejection is improper. Reconsideration and withdrawal is earnestly requested.

U.S. PTO Customer No. 25280

Case #5719

3. Claims 19 and 20 were rejected under 35 USC §103 (a) as being unpatentable over Trinh et al. (US Patent No. 4,481,126) further in view of Froehlich (US Patent No. 3,910,848) or Brown (US Patent No. 5,514,302).

Examiner's Arguments

The Examiner submits that the primary reference fails to teach that aerosol may be used with the liquid cleaner of the variety disclosed and that Froehlich reference teaches that a cleaning composition containing urea-formaldehyde polymer particles having a particle size of from 10 to 105 microns and an oil value of at least 90, a halogenated solvent boiling at from 45 degrees to 120 degrees C, a silica antisetling agent, a cationic antistatic agent, and an aerosol propellant selected from at least one of trichlorofluoromethane, dichlorodifluoromethane, 1,2-dichlorotetrafluoroethane, propane, isobutene, and butane. (col. 1, lines 37-60). Brown also teaches the use of propellants such as propane, isopropane, n-butane, isobutane, isopentane or n-hexane. Therefore, the Examiner believes there is a reasonable expectation of success that an aerosol may be used with the composition of the reference as the composition of the secondary reference has similar structural properties, uses and components.

Applicants' Arguments

Applicants have cancelled claim 19. Claim 20 depends directly from claim 1.

Applicants respectfully rely on the discussion presented above with regard to the deficiencies of Trinh and note that the Examiner cites Froehlich and Brown for a teaching of aerosol compounds.

Applicants respectfully submit that the combination of Trinh and Froehlich and the combination of Trinh and Brown fail to provide a *prima facie* case of obviousness over Applicants' claims for the reasons set forth above with regard to the teachings of Trinh.

Thus, since claim 20 depends directly from claim 1, and Applicants have presented arguments against the primary reference for the patentability of claim 1, Applicants respectfully submit that this rejection is improper. Reconsideration and withdrawal of this rejection is earnestly requested.

U.S. PTO Customer No. 25280

Case #5719

4. Claims 1-4, 6-15, 17, 18 and 27-38 were rejected under 35 USC §103 (a) as being unpatentable over Suzuki et al. (US Patent No. 4,534,892).

**Examiner's Arguments**

The Examiner contends that Suzuki et al. discloses (a) a liquid detergent composition containing an anionic surface active agent and a water-insoluble fine powder characterized by containing therein a crosslinking type amphoteric polymer and an inorganic salt (Abstract); (b) that several glycols and phosphates may be used and that the foaming properties are improved using a polyacrylic acid and a pH adjuster (col. 3, lines 15 – 25 and col. 1, lines 48 and 54 – 63); (c) that the particle size of the water-insoluble fine powder is less than 150 microns; (d) that nonionic surface active agents, amphoteric surface active agents and cationic surface active agents may be used in combination with the anionic surface active agents; and (e) that the examples show that water makes up the balance of the composition.

The Examiner contends that the reference fails to teach the specific biocides used. However, the reference does teach that germicides may be used; therefore, the Examiner believes that there would be a reasonable expectation that any germicide may be used in the absence of superior or unexpected results.

**Applicants' Arguments**

Applicants have cancelled claims 6 – 7, 13, 17, 28 – 30, 32 – 33 and 35 – 36, which are relevant to this rejection.

Applicants have amended claims 1, 14, 18, 27, 31, 34 and 37, which are relevant to this rejection.

Notably, Applicants have amended the independent claims – claims 1, 31, 34 and 37 – to eliminate "water insoluble inorganic salt adjuvants" and "inorganic particles" from the group of absorbent particulates claimed by Applicants.

U.S. PTO Customer No. 25280

SEP 21 2007  
Case #5719

To establish *prima facie* obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art (MPEP § 2143.03). Applicants respectfully submit that Suzuki et al. fail to teach the absorbent particulates, as presently claimed by Applicants in independent claims 1, 31, 34 and 37. Thus, Suzuki fails to teach all the claim limitations of Applicants' claimed invention. Accordingly, since all of the other rejected claims depend either directly or indirectly from these claims, Applicants respectfully submit that this rejection has been overcome. Reconsideration and withdrawal of this rejection is earnestly requested.

Conclusion:

For the reasons set forth above, it is respectfully submitted that claims 1 – 5, 8 – 12, 14 – 15, 18, 20, 22, 24-25, 27, 31, 34 and 37-38 now stand in condition for allowance.

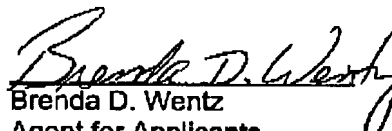
Should any issues remain after consideration of these Remarks and Amendments, the Examiner is invited and encouraged to telephone the undersigned in the hope that any such issue may be promptly and satisfactorily resolved.

In the event that there are additional fees associated with the submission of these papers (including extension of time fees), authorization is hereby provided to withdraw such fees from Deposit Account No. 04-0500.

Respectfully requested,

September 21, 2007

Milliken & Company  
Legal Department, M-495  
920 Milliken Road  
PO Box 1926  
Spartanburg, SC 29304

  
Brenda D. Wentz  
Agent for Applicants  
Registration Number: 48,643  
(864) 503-1597